

X.11035/346/2021-DRS  
Government of India  
Ministry of Health and Family Welfare

Nirman Bhavan, New Delhi

Dated 13<sup>th</sup> September, 2022

The Government of India had constituted a Core Committee under the Chairmanship of Dr. V.M. Katoch the then Secretary, Department of health Research and Director General, ICMR, Ministry of Health & Family Welfare for reviewing and revising the National List of Essential Medicines (NLEM), 2011 in the context of contemporary knowledge of use of therapeutic products. The Core Committee since submitted its report and the Government of India accepted the recommendations and adopted the National List of Essential Medicines (NLEM), 2015 along with other recommendations.

2. Subsequently, the Standing National Committee on Medicines (SNCM) constituted vide order dated 03.07.2018 to review and revise the National List of Essential Medicines by way of additions and deletions in the existing NLEM in the context of contemporary knowledge of use of therapeutic products in health & hygiene of general public. The committee was headed by Secretary, DHR/DG, ICMR.

3. The SNCM has submitted its final report on 10.09.2022 and after examination of the report, the Government of India has accepted the recommendations of the Committee in toto and adopted the National List of Essential Medicines (NLEM), 2022 as recommended by the SNCM along with other recommendations as contained in the report.

4. The Government of India has further decided that the List will be operational with immediate effect.

  
13/9/22

(Dr. Mandeep K. Bhandari)

Joint Secretary to the Government of India.

**National List  
of Essential  
Medicines  
2022**

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
1.4.3	Neostigmine*	S,T	Tablet 15 mg Injection 0.5 mg/mL
1.4.4	Succinylcholine	S,T	Injection 50 mg/mL
1.4.5	Vecuronium	S,T	Powder for injection 4 mg Powder for injection 10 mg

### Section 2

#### Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders

#### 2.1 - Non-opioid Analgesics, Antipyretics and Non-steroidal Anti-inflammatory Drugs

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
2.1.1	Acetylsalicylic acid**	P,S,T	Tablet 300 mg to 500 mg Effervescent/ Dispersible/ Enteric coated Tablet 300 mg to 500 mg

\*Neostigmine formulations are also listed in **Section 4.2.8 - Antidotes and Other substances used in Management of poisoning/Envenomation - Specific**

\*\*Acetylsalicylic acid formulations are also listed in -

**A. Section 5.2.1 - Medicines used in Neurological Disorders Antimigraine medicines**

**B. Section 10.5.1 - Cardiovascular medicines -Antithrombotic Medicines (Cardiovascular/ Cerebrovascular) - Antiplatelet and Antithrombotic Medicines**

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
2.1.2	Diclofenac	P,S,T	Tablet 50 mg Injection 25 mg/mL
2.1.3	Ibuprofen*	P,S,T	Tablet 200 mg Tablet 400 mg Oral liquid 100 mg/5 mL (p)
2.1.4	Mefenamic acid	P,S,T	Tablet 250 mg Oral liquid 100 mg/5 mL (p)
2.1.5	Paracetamol**	P,S,T	Tablet 500 mg Tablet 650 mg Oral liquid 120 mg/5 mL (p) Oral Liquid 125 mg/5 mL (p) Oral Liquid 250 mg/5 mL (p) Injection 150 mg/ mL Suppository 80 mg Suppository 170 mg
<b>2.2-Opioid Analgesics</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
2.2.1	Fentanyl	S,T	Injection 50 mcg/mL
<p><i>*Ibuprofen formulations are also listed in Section 5.2.2 - Medicines used in Neurological Disorders-Antimigraine Medicines</i></p> <p><i>** Paracetamol formulations are also listed in -</i></p> <p><b>A. Section 5.2.3 - Medicines used in Neurological Disorders-Antimigraine Medicines</b></p> <p><b>B. Section 27.4 - Medicines for COVID– 19 Management</b></p>			




## National List of Essential Medicines (NLEM) 2022

	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
2.2.2	Morphine*	P,S,T	Tablet 10 mg Injection 10 mg/mL Injection 15 mg/mL
2.2.3	Tramadol**	S,T	Capsule 50 mg Capsule 100 mg Injection 50 mg/mL
<b>2.3-Medicines used to treat Gout</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
2.3.1	Allopurinol***	P,S,T	Tablet 100 mg Tablet 300 mg
2.3.2	Colchicine	P,S,T	Tablet 0.5 mg
<p><i>*Morphine formulations are also listed in -</i>  <b>A. Section 1.3.4 - Medicines used in Anaesthesia - Preoperative medication and sedation for short term procedures</b>  <b>B. Section 7.4.13 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care</b></p> <p><i>** Tramadol formulations are also listed in –</i>  <b>Section 7.4.15 - Tramadol formulations are also listed in Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care</b></p> <p><i>*** Allopurinol formulations are also listed in –</i>  <b>Section 7.4.1 - Allopurinol formulations are also listed in Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care</b></p>			

  
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## National List of Essential Medicines (NLEM) 2022

<b>2.4-Disease Modifying Agents used in Rheumatoid Disorders</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
2.4.1	Azathioprine*	S,T	Tablet 25 mg (p) Tablet 50 mg
2.4.2	Hydroxychloroquine	P,S,T	Tablet 200 mg Tablet 400 mg
2.4.3	Methotrexate**	P,S,T	Tablet 2.5 mg Tablet 5 mg Tablet 10 mg
2.4.4	Sulfasalazine	S,T	Tablet 500 mg
<b>Section 3</b>			
<b>Antiallergics and Medicines used in Anaphylaxis</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
3.1	Adrenaline	P,S,T	Injection 1 mg/mL
3.2	Cetirizine	P,S,T	Tablet 10 mg Oral liquid 5 mg/5 mL (p)
<p>* Azathioprine formulations are also listed in <b>Section 7.3.1 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care</b></p> <p>** Methotrexate formulations are also listed in <b>Section 7.1.30 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care</b></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
3.3	Dexamethasone*	P,S,T	Tablet 0.5 mg Tablet 2 mg Tablet 4 mg Oral liquid 0.5 mg/5 mL (p) Injection 4 mg/mL
3.4	Hydrocortisone**	P,S,T	Tablet 5 mg Tablet 10 mg Powder for Injection 100 mg Powder for Injection 200 mg
3.5	Pheniramine	P,S,T	Injection 22.75 mg/mL
3.6	Prednisolone***	P,S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg Oral liquid 5 mg/5 mL (p) Oral liquid 15 mg/5 mL (p)

*\*Dexamethasone formulations are also listed in -*

**A. Section 7.4.3 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care**

**B. Section 18.1.1 - Hormones, other Endocrine Medicines and Contraceptives - Adrenal Hormones and Synthetic Substitutes**

**C. Section 27.1 - Medicines for COVID- 19 Management**

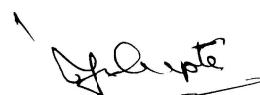
*\*\* Hydrocortisone formulations are also listed in **Section 18.1.3 - Hormones, other Endocrine Medicines and Contraceptives- Adrenal Hormones and Synthetic Substitutes***

*\*\*\*Prednisolone formulations are also listed in -*

**A. Section 7.2.4 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care - Hormones and Anti-Hormones used in cancer therapy**

**B. Section 18.1.5 - Hormones, other Endocrine Medicines and Contraceptives -Adrenal Hormones and Synthetic Substitutes**

**C. Section 21.2.1 - Ophthalmological Medicines- Anti-inflammatory Medicine**

## National List of Essential Medicines (NLEM) 2022

<b>Section 4</b>			
<b>Antidotes and Other Substances used in Management of Poisonings/Envenomation</b>			
<b>4.1-Nonspecific</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
4.1.1	Activated Charcoal	P,S,T	Powder (as licensed)
<b>4.2 Specific</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
4.2.1	Atropine*	P,S,T	Injection 0.6 mg/mL
4.2.2	Calcium gluconate**	P,S,T	Injection 100 mg/mL
4.2.3	D- Penicillamine	P,S,T	Capsule 150 mg (p) Capsule 250 mg
4.2.4	Desferrioxamine	S,T	Powder for injection 500 mg
4.2.5	Methylthioninium chloride (Methylene blue)	S,T	Injection 10 mg/mL
<p><i>*Atropine formulations are also listed in -</i></p> <p><b>A. Section 1.3.1 - Medicines used in Anaesthesia -Preoperative Medication and Sedation for short term procedures</b></p> <p><b>B. Section 21.5.1 - Ophthalmological Medicines- Mydriatics</b></p> <p><b>** Calcium gluconate formulations are also listed in Section 26.3 - Vitamins and minerals</b></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
5.1.10	Sodium Valproate*	P,S,T	Tablet 200 mg Tablet 300 mg Tablet 500 mg  Modified Release - Tablet 300 mg Tablet 500 mg  Oral liquid 200 mg/5 mL (p)
		S,T	Injection 100 mg/mL

### Section 5.2- Antimigraine Medicines

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
5.2.1	Acetylsalicylic acid**	P,S,T	Tablet 300 mg to 500 mg Effervescent/ Dispersible/ Enteric coated Tablet 300 mg to 500 mg

*\*Sodium Valproate formulations are also listed in-  
Section 23.2.2.2 - Medicines used in treatment of Psychiatric Disorders -Medicines used in Bipolar disorders- Medicines used in mood disorders*

*\*\*Acetylsalicylic acid formulations are also listed in -*

*A. Section 2.1.1 - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders - Non-opioid Analgesics, Antipyretics and Non-steroidal Anti-inflammatory Drugs*

*B. Section 10.5.1 - Cardiovascular medicines- Antiplatelet and Antithrombotic Medicines*

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## National List of Essential Medicines (NLEM) 2022

	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
5.2.2	Ibuprofen*	P,S,T	Tablet 200 mg Tablet 400 mg Oral liquid 100 mg/5 mL (p)
5.2.3	Paracetamol**	P,S,T	Tablet 500 mg Tablet 650 mg Oral liquid 120 mg/5mL (p) Oral Liquid 125 mg/5mL (p) Oral Liquid 250 mg/5mL (p)
5.2.4	Sumatriptan	P,S,T	Tablet 25 mg Tablet 50 mg
<b>Section 5.2.1 - For Prophylaxis</b>			
5.2.1.1	Amitriptyline***	P,S,T	Tablet 10 mg Tablet 25 mg Tablet 75 mg
<p><i>*Ibuprofen formulations are also listed in <b>Section 2.1.3</b> - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders - Non-opioid Analgesics, Antipyretics and Non-steroidal Anti- inflammatory Drugs</i></p> <p><i>**Paracetamol formulations are also listed in -</i></p> <p><i>A. <b>Section 2.1.5</b> - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders - Non-opioid analgesics, antipyretics and nonsteroidal anti-inflammatory medicines</i></p> <p><i>B. <b>Section 27.4</b> - Medicines for COVID– 19 management</i></p> <p><i>*** Amitriptyline formulations are also listed in -</i></p> <p><i>A. <b>Section 7.4.2</b> - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care - Medicines used in Palliative Care-</i></p> <p><i>B. <b>Section 23.2.1.1</b> - Medicines used in treatment of Psychiatric Disorders -Medicines used in mood disorders- Medicines used in depressive disorders</i></p>			

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
5.2.1.2	Flunarizine	P,S,T	Tablet 5 mg Tablet 10 mg
5.2.1.3	Propranolol	P,S,T	Tablet 10 mg Tablet 20 mg Tablet 40 mg
<b>Section 5.3- Antiparkinsonism Medicines</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
5.3.1	Levodopa (A) + Carbidopa (B)	P,S,T	Tablet 100 mg (A) + 10 mg (B) Tablet 100 mg (A) + 25 mg (B) Tablet 250 mg (A) + 25 mg (B)  Modified Release - Tablet 100 mg (A) + 25 mg (B) Tablet 200 mg (A) + 50 mg (B)
5.3.2	Trihexyphenidyl	P,S,T	Tablet 2 mg
<b>Section 5.4-Medicines used in Dementia</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
5.4.1	Donepezil	S,T	Tablet 5 mg Tablet 10 mg

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## National List of Essential Medicines (NLEM) 2022

<b>Section 6</b>			
<b>Anti-infective Medicines</b>			
<b>6.1-Anthelmintics</b>			
<b>6.1.1- Intestinal Anthelmintics</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.1.1.1	Albendazole*	P,S,T	Tablet 400 mg Chewable Tablet 400 mg Oral liquid 200 mg/5 mL (p)
6.1.1.2	Mebendazole	P,S,T	Tablet 100 mg Oral liquid 100 mg/5 mL (p)
<b>6.1.2 – Antifilarial</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.1.2.1	Albendazole*	P,S,T	Tablet 400 mg Chewable Tablet 400 mg Oral liquid 200 mg/5 mL (p)
6.1.2.2	Diethylcarbamazine (DEC)	P,S,T	Tablet 50 mg Tablet 100 mg Oral liquid 120 mg/5 mL (p)
<p><i>* Albendazole formulations are also listed Section 6.1.1.1 - in Anti-infective Medicines- Antifilarial</i></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.1.2.3	Ivermectin	P,S,T	Tablet 6 mg Tablet 12 mg
<b>6.1.3 - Anti-schistosomal and Anti-trematodal Medicine</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.1.3.1	Praziquantel	S,T	Tablet 600 mg
<b>6.2-Antibacterials</b>			
<b>6.2.1 – Beta-lactam Medicines</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.2.1.1	Amoxicillin	P,S,T	Capsule 250 mg Capsule 500 mg Oral liquid 125 mg/5 mL (p) Oral liquid 250 mg/5 mL (p) Powder for Injection 250 mg Powder for Injection 500 mg Powder for injection 1000 mg
6.2.1.2	Amoxicillin (A) + Clavulanic acid (B)	P,S,T	Tablet 500 mg (A) + 125 mg (B) Oral liquid 200 mg (A) + 28.5 mg (B)/5 mL (p) Dry Syrup 125 mg (A) + 31.25 (B)/ 5 mL (p)
		S,T	Powder for Injection 500 mg (A) + 100 mg (B) Powder for Injection 1 g (A) + 200 mg (B)

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.2.1.3	Ampicillin	P,S,T	Powder for Injection 500 mg Powder for Injection 1000 mg
6.2.1.4	Benzathine benzylpenicillin	P,S,T	Powder for Injection 6 lac units Powder for Injection 12 lac units Powder for injection 24 lac units
6.2.1.5	Benzylpenicillin	P,S,T	Powder for injection 5 lac units Powder for injection 10 lac units
6.2.1.6	Cefadroxil	P,S,T	Tablet 500 mg Tablet 100 mg Oral liquid 125 mg/5 mL (p)
6.2.1.7	Cefazolin	P,S,T	Powder for Injection 500 mg Powder for Injection 1000 mg
6.2.1.8	Cefixime	S,T	Tablet 200 mg Tablet 400 mg Oral liquid 50 mg/5 mL (p) Oral liquid 100 mg/5 mL (p)
6.2.1.9	Cefotaxime*	S,T	Powder for Injection 250 mg Powder for Injection 500 mg Powder for Injection 1000 mg

*\*Cefotaxime formulations are also listed in Section 6.7.5.2 - Anti-infective Medicines- Antiviral Medicines- Medicines for treating Opportunistic Infections in People living with HIV*

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.2.1.10	Ceftazidime	S,T	Powder for Injection 250 mg Powder for Injection 1000 mg
6.2.1.11	Ceftriaxone	S,T	Powder for Injection 250 mg Powder for Injection 500 mg Powder for Injection 1000 mg Powder for Injection 2000 mg
6.2.1.12	Cloxacillin	P,S,T	Capsule 250 mg Capsule 500 mg Oral Liquid 125 mg/5 mL (p) Powder for Injection 250 mg
6.2.1.13	Piperacillin (A) + Tazobactam (B)	T	Powder for Injection 1000 mg (A) + 125 mg (B) Powder for Injection 2000 mg (A) + 250 mg (B) Powder for Injection 4000 mg (A) + 500 mg (B)
6.2.1.14	Meropenem	T	Powder for Injection 500 mg (as trihydrate) Powder for Injection 1000 mg (as trihydrate)

### 6.2.2 - Other Antibacterials

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.2.2.1	Azithromycin*	P,S,T	Tablet 250 mg Tablet 500 mg Oral liquid 200 mg/5 mL (p) Powder for Injection 500 mg
6.2.2.2	Cefuroxime	P,S,T	Tablet 500 mg Oral liquid 125 mg/ 5 mL (p) Injection 1500 mg

\*Azithromycin formulations are also listed in **Section 6.7.6.1 Anti-infective Medicines - Medicines used in the management of HIV- Additional Medicines for Syndromic Management of Sexually Transmitted Infections**

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## National List of Essential Medicines (NLEM) 2022

<b>6.3 - Antileprosy Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.3.1	Clofazimine*	P,S,T	Capsule 50 mg Capsule 100 mg
6.3.2	Dapsone	P,S,T	Tablet 50 mg Tablet 100 mg
6.3.3	Rifampicin**	P,S,T	Capsule 150 mg Capsule 300 mg
<b>6.4-Antituberculosis Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.4.1	Amikacin	S,T	Injection 100 mg/mL Injection 250 mg/mL Injection 500 mg/mL
6.4.2	Bedaquiline	T	Tablet 100 mg
6.4.3	Clarithromycin***	S,T	Tablet 250 mg Tablet 500 mg Tablet 750 mg
<p>*Clofazimine formulations are also listed <b>Section 6.4.5 - Anti-infective Medicines - Anti-tuberculosis medicines</b></p> <p>**Rifampicin formulations are also listed in <b>Section 6.4.15 - Anti-infective Medicines - Anti-tubercular medicine</b></p> <p>***Clarithromycin formulations are also listed in <b>Section 6.2.2.4 - Anti-infective Medicines- Antibacterials -Other Antibacterials</b></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.4.13	Para-aminosalicylic acid	S,T	Granules (As licensed)
6.4.14	Pyrazinamide	P,S,T	Tablet 500 mg Tablet 750 mg Tablet 1000 mg Tablet 1500 mg Oral liquid 250 mg/5 mL (p)
6.4.15	Rifampicin*	P,S,T	Capsule 150 mg Capsule 300 mg Capsule 450 mg Capsule 600 mg Oral liquid 100 mg/ 5 mL (p)
6.4.16	Streptomycin	P,S,T	Powder for Injection 750 mg Powder for Injection 1000 mg

### 6.5 - Antifungal Medicines

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.5.1	Amphotericin B**	S,T	a) Amphotericin B (conventional) - Injection 50 mg/vial b) Lipid Amphotericin B - Injection 50 mg/vial c) Liposomal Amphotericin B - Injection 50 mg/vial

\*Rifampicin formulations are also listed in **Section 6.3.3 - Anti-infective Medicines- Antileprosy medicines**

\*\*Amphotericin B formulations are also listed **Section 6.9.2.1 - Anti-infective Medicines Antileishmaniasis medicines**

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## National List of Essential Medicines (NLEM) 2022

<b>6.6 - Antiviral Medicines</b>			
<b>6.6.1 - Antiherpes Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.6.1.1	Acyclovir*	P,S,T	Tablet 200 mg Tablet 400 mg Tablet 800 mg Powder for Injection 250 mg Powder for Injection 500 mg Oral liquid 400 mg/5 mL (p)
<b>6.6.2 - Anti-cytomegalovirus (CMV) medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.6.2.1	Valganciclovir**	S, T	Tablet 450 mg Powder for oral solution 50 mg/mL
<b>6.7- Medicines used in the Management of HIV</b>			
<b>6.7.1 Nucleoside Reverse Transcriptase Inhibitors</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.7.1.1	Abacavir	S,T	Tablet 60 mg (p) Tablet 300 mg
<p><i>*Acyclovir formulations are also listed in -</i></p> <p><b>A. Section 6.7.5.1 - Anti-infective Medicines -Medicines used in the management of HIV - Medicines for treating Opportunistic Infections in People living with HIV</b></p> <p><b>B. Section 21.1.1 - Ophthalmological Medicines- Anti-infective medicine</b></p> <p><b>**Valganciclovir formulations are also listed in Section 6.7.5.5 - Anti-infective Medicines- Antiviral medicines -Medicines for treating Opportunistic Infections in People living with HIV</b></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.7.1.2	Abacavir (A) + Lamivudine (B)	S,T	Tablet 60 mg (A) + 30 mg (B) (p) Tablet 600 mg (A) + 300 mg (B)
6.7.1.3	Lamivudine	S,T	Tablet 100 mg Tablet 150 mg
6.7.1.4	Tenofovir Disproxil Fumarate (TDF)*	S,T	Tablet 300 mg
6.7.1.5	Tenofovir Disproxil Fumarate (A) + Lamivudine (B)	S,T	Tablet 300 mg (A) + 300 mg (B)
6.7.1.6	Tenofovir Disproxil Fumarate (A) + Lamivudine (B) + Dolutegravir (C)	P,S,T	Tablet 300 mg (A) + 300 mg (B) + 50 mg (C)
6.7.1.7	Tenofovir Disproxil Fumarate (A) + Lamivudine (B) + Efavirenz (C)	S,T	Tablet 300 mg (A) + 300 mg (B) + 600 mg (C)
6.7.1.8	Zidovudine	S,T	Tablet 300 mg Oral liquid 50 mg/5 mL (p)
6.7.1.9	Zidovudine (A) + Lamivudine (B)	S,T	Tablet 60 mg (A) + 30 mg (B) (p) Tablet 300 mg (A) + 150 mg (B)

\* Tenofovir Disproxil Fumarate formulations are also listed in **Section 6.8.6 - Anti-infective Medicines – Medicines used in Hepatitis B and Hepatitis C**

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.7.4.2	Darunavir	S,T	Tablet 600 mg
6.7.4.3	Darunavir (A) + Ritonavir (B)	S,T	Tablet 600 mg (A) + Tablet 100 mg (B)
6.7.4.4	Lopinavir (A) + Ritonavir (B)	S,T	Tablet 100 mg (A) + 25 mg (B) Tablet 200 mg (A) + 50 mg (B) Oral Liquid 80 mg (A) + 20 mg (B) /mL (p) Capsule/ Sachet (containing pellets/granules) 40 mg (A) + 10 mg (B) (p)
6.7.4.5	Ritonavir	S,T	Tablet 100 mg

### 6.7.5 Medicines for treating Opportunistic Infections in People living with HIV

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.7.5.1	Acyclovir*	P,S,T	Injection 250 mg
6.7.5.2	Cefotaxime**	P,S,T	Injection 1000 mg
6.7.5.3	Clindamycin***	P,S,T	Tablet 300 mg

\*Acyclovir formulations are also listed in -

**A. Section 6.6.1.1 - Anti-infective Medicines -Antiviral medicines -Anti-herpes medicines**

**B. Section 21.1.1 - Ophthalmological Medicines- Anti-infective Medicine**

\*\* Cefotaxime formulations are also listed in **Section 6.2.1.9 - Anti-infective Medicines - Antibacterials- Beta-Lactam medicines**

\*\*\*Clindamycin formulations are also listed in -**A. Section 6.2.2.5 - Anti-infective Medicines - Antibacterials -Other antibacterials**

**B. Section 6.9.3.1 - Anti-infective Medicines - Medicines for amoebiasis and other parasitic infections - Antipneumocystosis and antitoxoplasmosis medicines**

**C. Section 6.10.1.5 - Anti-infective Medicines - Antimalarial medicines- For curative treatment**

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.7.5.4	Clotrimazole*	P,S,T	Ointment 1 %
6.7.5.5	Valganciclovir**	S,T	Tablet/Capsule 450 mg
<b>6.7.6 Additional Medicines for Syndromic Management of Sexually Transmitted Infections</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.7.6.1	Azithromycin***	P,S,T	Tablet 1000 mg
<b>Section 6.8 -Medicines used in Hepatitis B and Hepatitis C</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.8.1	Daclatasvir	S,T	Tablet 30 mg Tablet 60 mg
6.8.2	Entecavir	S,T	Tablet 0.5 mg Tablet 1 mg Oral liquid 0.05 mg/mL (p)
<p><i>*Clotrimazole formulations are also listed in -</i>  <b>A. Section 6.5.2 - Anti-infective Medicines -Antifungal medicines</b>  <b>B. Section 11.1.1 - Dermatological Medicines (Topical)- Antifungal medicines</b>  <b>C. Section 16.3 - Ear, Nose and Throat Medicines</b></p> <p><i>**Valganciclovir formulations are also listed in <b>Section 6.6.2.1 - Anti-infective Medicines - Antiviral medicines -Anti Cytomegalovirus (CMV) medicines</b></i></p> <p><i>***Azithromycin formulations are also listed in <b>Section 6.2.2.1 - Anti-infective Medicines - Other antibacterials</b></i></p>			

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.8.3	Ribavirin	S,T	Capsule 200 mg
6.8.4	Sofosbuvir	S,T	Tablet 400 mg
6.8.5	Tenofovir Alafenamide Fumarate (TAF)	S,T	Tablet 25 mg
6.8.6	Tenofovir Disoproxil Fumarate (TDF)*	S,T	Tablet 300 mg

### Section 6.9 -Antiprotozoal Medicines

#### 6.9.1 - Medicines for Amoebiasis and other Parasitic Infections

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.9.1.1	Metronidazole**	P,S,T	Tablet 200 mg Tablet 400 mg Injection 500 mg/100 mL Oral liquid 200 mg/5 mL (p)

\* Tenofovir Disoproxil Fumarate formulations are also listed in **Section 6.7.1.4 - Anti-infective Medicines – Medicines used in the management of HIV- Nucleoside reverse transcriptase inhibitors**

\*\* Metronidazole formulations are also listed in **Section 6.2.2.9 - Anti-infective Medicines - Antibacterials – Beta-lactam medicines - Other antibacterials**

  
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## National List of Essential Medicines (NLEM) 2022

<b>6.9.2 - Antileishmaniasis Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.9.2.1	Amphotericin B*	S,T	a) Amphotericin B (conventional)- Injection 50 mg b) Lipid Amphotericin B- Injection 50 mg c) Liposomal Amphotericin B- Injection 50 mg
6.9.2.2	Miltefosine	P,S,T	Capsule 50 mg
6.9.2.3	Paromomycin	P,S,T	Injection 375 mg/mL
<b>6.9.3 - Antipneumocystosis and Antitoxoplasmosis Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
6.9.3.1	Clindamycin**	P,S,T	Capsule 150 mg Capsule 300 mg
<p><i>*Amphotericin B formulations are also listed in <b>Section 6.5.1 - Anti-infective Medicines- Antifungal medicines</b></i></p> <p><i>**Clindamycin formulations are also listed in -</i></p> <p><i><b>A. Section 6.2.2.5 - Anti-infective Medicines - Antibacterials -Other antibacterials</b></i></p> <p><i><b>B. Section 6.7.5.3 - Anti-infective Medicines - Antiviral medicines- Medicines for treating Opportunistic Infections in People living with HIV</b></i></p> <p><i><b>C. Section 6.10.1.5 - Anti-infective Medicines- Antimalarial Medicines - For curative treatment</b></i></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.9.3.2	Co-trimoxazole* [Sulphamethoxazole (A) + Trimethoprim (B)]	P,S,T	Tablet 400 mg (A) + 80 mg (B) Tablet 800 mg (A) + 160 mg (B) Oral liquid 200 mg (A) + 40 mg (B)/5 mL (p)
<b>6.10-Antimalarial Medicines</b>			
<b>6.10.1 - For curative treatment</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.10.1.1	Artemether (A) + Lumefantrine (B)	P,S,T	Tablet 20 mg (A) + 120 mg (B) Tablet 40 mg (A) + 240 mg (B) Tablet 80 mg (A) + 480 mg (B)
6.10.1.2	Artesunate	P,S,T	Powder for Injection 60 mg Powder for Injection 120 mg
6.10.1.3	Artesunate (A) + Sulphadoxine - Pyrimethamine (B)	P,S,T	Combi pack (A+B) 1 Tablet 25 mg (A) + 1 Tablet (250 mg + 12.5 mg) (B) 1 Tablet 50 mg (A) + 1 Tablet (500 mg + 25 mg) (B) 1 Tablet 100 mg (A) + 1 Tablet (750 mg + 37.5 mg) (B) 1 Tablet 150 mg (A) + 2 Tablet (500 mg + 25 mg) (B) 1 Tablet 200 mg (A) + 2 Tablet (750 mg + 37.5 mg) (B)
*Co-trimoxazole formulations are also listed in <b>Section 6.2.2.6 - Anti-infective Medicines- Antibacterials - Other antibacterials</b>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.10.1.4	Chloroquine	P,S,T	Tablet 150 mg Oral liquid 50 mg/5 mL
6.10.1.5	Clindamycin*	P,S,T	Capsule 150 mg Capsule 300 mg
6.10.1.6	Primaquine	P,S,T	Tablet 2.5 mg Tablet 7.5 mg Tablet 15 mg
6.10.1.7	Quinine	P,S,T	Tablet 300 mg Injection 300 mg/mL
<b>6.10.2 - For prophylaxis</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
6.10.2.1	Doxycycline**#	P,S,T	Capsule 100 mg Oral liquid 50 mg/ 5mL #for prophylaxis of <i>P. vivax</i>
6.10.2.2	Mefloquine <sup>#</sup>	T	Tablet 250 mg #Only for use as chemoprophylaxis for long term travellers like military and travel troops, travelling from low endemic to high endemic area.
<p>* Clindamycin formulations are also listed in -  <b>A. Section 6.2.2.5 - Anti-infective Medicines - Antibacterials -Other antibacterials</b>  <b>B. Section 6.7.5.3 - Anti-infective Medicines - Antiviral medicines- Medicines for treating Opportunistic Infections in People living with HIV</b>  <b>C. Section 6.9.3.1 - Anti-infective Medicines - Antipneumocystosis and antitoxoplasmosis medicines</b></p> <p>** Doxycycline formulations are also listed in <b>Section 6.2.2.7 - Anti-infective Medicines- Antibacterials - Other antibacterials</b></p>			

  
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## National List of Essential Medicines (NLEM) 2022

<b>Section 7</b>			
<b>Anti-cancer agents including Immunosuppressives and Medicines used in Palliative Care</b>			
<b>7.1 - Antineoplastic medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
7.1.1	5-Fluorouracil	T	Injection 250 mg/ 5 mL
7.1.2	6-Mercaptopurine	T	Tablet 50 mg
7.1.3	Actinomycin D	T	Powder for Injection 0.5 mg
7.1.4	All-trans retinoic acid	T	Capsule 10 mg
7.1.5	Arsenic trioxide	T	Injection 1mg/ mL
7.1.6	Bendamustine hydrochloride	T	Injection 25 mg/ vial Injection 100 mg/vial
7.1.7	Bleomycin	T	Powder for Injection 15 units
7.1.8	Bortezomib	T	Powder for Injection 2 mg
7.1.9	Calcium folinate	T	Tablet 15 mg Injection 3 mg/mL
7.1.10	Capecitabine	T	Tablet 500 mg

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.1.11	Carboplatin	T	Injection 10 mg/mL
7.1.12	Chlorambucil	T	Tablet 2 mg Tablet 5 mg
7.1.13	Cisplatin	T	Injection 1mg/mL
7.1.14	Cyclophosphamide	T	Tablet 50 mg Powder for Injection 500 mg
7.1.15	Cytosine arabinoside	T	Injection 100 mg/vial Injection 500 mg/vial Injection 1000 mg/vial
7.1.16	Dacarbazine	T	Powder for Injection 200 mg Powder for Injection 500 mg
7.1.17	Daunorubicin	T	Injection 5 mg/mL
7.1.18	Docetaxel	T	Powder for Injection 20 mg Powder for Injection 80 mg
7.1.19	Doxorubicin	T	Injection 2 mg/mL
7.1.20	Etoposide	T	Capsule 50 mg Injection 20 mg/mL
7.1.21	Gefitinib	T	Tablet 250 mg

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.1.31	Oxaliplatin	T	Injection 5 mg/mL in 10 mL vial Injection 5 mg/mL in 20 mL vial
7.1.32	Paclitaxel	T	Injection 30 mg/5 mL Injection 100 mg/16.7 mL
7.1.33	Rituximab	T	Injection 10 mg/mL
7.1.34	Temozolomide	T	Capsule 20 mg Capsule 100 mg Capsule 250 mg
7.1.35	Thalidomide	T	Capsule 50 mg Capsule 100 mg
7.1.36	Trastuzumab	T	Injection 440 mg/50 mL
7.1.37	Vinblastine	T	Injection 1 mg/mL
7.1.38	Vincristine	T	Injection 1 mg/mL
<b>7.2-Hormones and Anti-hormones used in Cancer Therapy</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.2.1	Bicalutamide	T	Tablet 50 mg
7.2.2	Letrozole	T	Tablet 2.5 mg

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.2.3	Leuprolide acetate	T	Powder for injection 3.75 mg Powder for injection 11.25 mg Powder for injection 22.5 mg
7.2.4	Prednisolone*	S,T	Tablet 10 mg Tablet 20 mg Tablet 40 mg Oral liquid 5 mg/5 mL (p) Oral liquid 15 mg/5 mL (p) Injection 20 mg/2 mL
7.2.5	Tamoxifen	T	Tablet 10 mg Tablet 20 mg

### 7.3 - Immunosuppressive Medicines

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.3.1	Azathioprine**	T	Tablet 50 mg
7.3.2	Cyclosporine	T	Capsule 25 mg Capsule 50 mg Capsule 100 mg Oral liquid 100 mg/mL (p) Injection 50 mg/mL

*\*Prednisolone formulations are also listed in -*

*A. Section 3.6 - Antiallergics and Medicines used in Anaphylaxis*

*B. Section 18.1.5 - Hormones, other Endocrine Medicines and Contraceptives -Adrenal Hormones and synthetic substitutes*

*C. Section 21.2.1 - Ophthalmological Medicines - Antiinflammatory Medicine*

*\*\*Azathioprine formulations are also listed in Section 2.4.1 - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders - Disease Modifying Agents used in Rheumatoid Disorders*

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.3.3	Mycophenolate mofetil	T	Tablet 250 mg Tablet 500 mg
7.3.4	Tacrolimus	T	Capsule 0.5 mg Capsule 1 mg Capsule 2 mg
<b>7.4-Medicines used in Palliative Care</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.4.1	Allopurinol*	S,T	Tablet 100 mg
7.4.2	Amitriptyline**	S,T	Tablet 10 mg Tablet 25 mg
7.4.3	Dexamethasone***	S,T	Tablet 0.5 mg Tablet 4 mg Injection 4 mg/mL
<p><i>*Allopurinol formulations are also listed in <b>Section 2.3.1 - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders - Medicines used to treat Gout</b></i></p> <p><i>**Amitriptyline formulations are also listed in <b>A. Section 5.2.5 - Medicines used in Neurological Disorders - Anti-migraine medicines - For prophylaxis</b></i></p> <p><i><b>B. Section 23.2.1.1 - Medicines in treatment of Psychiatric Disorders - Medicines used in mood disorders- Medicines used in depressive disorders</b></i></p> <p><i>***Dexamethasone formulations are also listed in</i></p> <p><i><b>A. Section 3.4 - Antiallergics and medicines used in anaphylaxis</b></i></p> <p><i><b>B. Section 18.1.1 - Hormones, other Endocrine Medicines and Contraceptives - Adrenal hormones and synthetic substitutes</b></i></p> <p><i><b>C. Section 27.1 - Medicines for COVID-19 management</b></i></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.4.4	Diazepam*	S,T	Tablet 2 mg Tablet 5 mg Injection 5 mg/mL
7.4.5	Filgrastim	T	Injection 300 mcg
7.4.6	Fluoxetine**	S,T	Capsule 20 mg
7.4.7	Haloperidol***	S,T	Tablet 1.5 mg Tablet 5 mg Injection 5 mg/mL
7.4.8	Lactulose****	S,T	Oral liquid 10 g/15 mL
7.4.9	Loperamide	S,T	Tablet 2 mg

\*Diazepam formulations are also listed **Section 5.1.3** - Medicines used in Neurological Disorders - Anticonvulsants/Antiepileptics

\*\*Fluoxetine formulations are also listed in

**A. Section 23.2.1.3** - Medicines in used in treatment of Psychiatric Disorders - Medicines used in mood disorders - Medicines used in depressive disorders

**B. Section 23.4.2** - Medicines used in treatment of Psychiatric Disorders - Medicines used in obsessive compulsive disorders and panic attacks

\*\*\*Haloperidol formulations are also listed in **Section 23.1.3** -

Medicines used in treatment of psychiatric Disorders - Medicines used in psychotic disorders

\*\*\*\*Lactulose formulations are also listed in **Section 17.5.3** -

Gastrointestinal Medicines - Laxatives

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.4.10	Metoclopramide*	S,T	Tablet 10 mg Oral liquid 5 mg/5 mL (p) Injection 5 mg/mL
7.4.11	Mesna	T	Injection 100 mg/mL
7.4.12	Midazolam**	S,T	Injection 1 mg/mL
7.4.13	Morphine***	S,T	Tablet 10 mg Modified Release Tablet 30 mg
7.4.14	Ondansetron****	S,T	Tablet 4 mg Tablet 8 mg Oral liquid 2 mg/5 mL (p) Injection 2 mg/mL

\*Metoclopramide formulations are also listed in **Section 17.2.2 - Gastrointestinal Medicines – Antiemetics**

\*\*Midazolam formulations are also listed in -

**A. Section 1.3.3 - Medicines used in Anaesthesia - Preoperative medication and sedation for short term procedures**

**B. Section 5.1.7 - Medicines used in Neurological Disorders -Anticonvulsants/Antiepileptics**

\*\*\*Morphine formulations are also listed in -

**A. Section 1.3.4 - Medicines used in Anaesthesia - Preoperative medication and sedation for short term procedures**

**B. Section 2.2.2 - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders - Opioid Analgesics**

\*\*\*\*Ondansetron formulations are also listed **Section 17.2.3 - Gastrointestinal Medicines – anti-ulcer medicines**

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
7.4.15	Tramadol*	S,T	Capsule 50 mg Capsule 100 mg Injection 50 mg/mL
7.4.16	Zoledronic acid	T	Powder for Injection 4 mg

### Section 8 Medicines affecting Blood

#### 8.1- Antianaemia Medicines

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
8.1.1	Erythropoietin	S,T	Injection 2000 IU/mL Injection 10000 IU/mL
8.1.2	Ferrous salts (a) Iron Dextran (b) Iron sorbitol citrate complex	P,S,T	Tablet equivalent to 60 mg of elemental iron Injection 50 mg/mL Injection 50 mg/mL
8.1.3	Ferrous Salt (A)+ Folic acid (B)	P,S,T	Tablet 45 mg elemental iron (A) + 400 mcg (B) Tablet 100 mg elemental iron (A) + 500 mcg (B) Oral liquid 20 mg elemental iron (A) + 100 mcg/mL (B) (p)

*\*Tramadol formulations are also listed in Section 2.2.3 - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and disease Modifying agents used in Rheumatoid Disorders- Opioid Analgesics*

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
8.1.4	Folic Acid	P,S,T	Tablet 1 mg Tablet 5 mg
8.1.5	Hydroxocobalamin	P,S,T	Injection 1 mg/mL
8.1.6	Hydroxyurea*	S,T	Capsule 500 mg
8.1.7	Iron sucrose	S,T	Injection 20 mg/mL

### 8.2 - Medicines affecting Coagulation

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
8.2.1	Enoxaparin**	S,T	Injection 40 mg/ 0.4 mL Injection 60 mg/ 0.6 mL
8.2.2	Heparin***	S,T	Injection 1000 IU/mL Injection 5000 IU/mL
8.2.3	Phytomenadione (Vitamin K <sub>1</sub> )	P,S,T	Tablet 10 mg Injection 10 mg/mL
8.2.4	Protamine Sulphate	S,T	Injection 10 mg/mL
8.2.5	Tranexamic acid	P,S,T	Tablet 500 mg Injection 100 mg/mL

\* Hydroxyurea formulations are also listed in **Section 7.1.26 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care – Antineoplastic medicines**

\*\* Enoxaparin formulations are also listed in  
**A. Section 10.5.4 - Cardiovascular Medicines - Antiplatelet and Antithrombotic Medicines**  
**B. Section 27.2 - Medicines for COVID-19 management**

\*\*\* Heparin formulations are also listed in **Section 10.5.5 - Cardiovascular Medicines - Antiplatelet and Antithrombotic Medicines**

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
8.2.6	Warfarin	S,T	Tablet 1 mg Tablet 2 mg Tablet 3 mg Tablet 5 mg
<b>Section 9</b>			
<b>Blood products and Plasma substitutes</b>			
<b>9.1 - Blood and Blood components</b>			
<p>All forms of the following as approved by licensing authority are considered as included in NLEM. However, considering the process, technology and other relevant aspects, they should be considered differently for purposes such as procurement policy, pricing etc.</p>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
9.1.1	Fresh frozen plasma	S,T	As licensed
9.1.2	Platelet rich plasma/ Platelet concentrates	S,T	As licensed
9.1.3	Red blood cells/ Packed RBCs	S,T	As licensed
9.1.4	Whole blood	S,T	As licensed

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## National List of Essential Medicines (NLEM) 2022

<b>9.2 - Plasma substitutes</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
9.2.1	Dextran-40	S,T	Injection 10 %
<b>9.3 - Plasma fractions for specific use</b>			
<p>In case of coagulation factors and other blood products, irrespective of variation in source, all forms of these products as approved by licensing authority are considered as included in NLEM. However, considering the source, process, technology and other relevant aspects, they should be considered differently for purposes such as procurement policy, pricing etc.</p>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
9.3.1	Coagulation factor IX	S,T	Powder for Injection 600 IU
9.3.2	Coagulation factor VIII	S,T	Powder for Injection 250 IU Powder for Injection 500 IU
9.3.3	Cryoprecipitate	S,T	As licensed

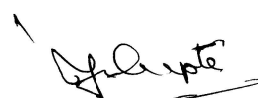
  
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## National List of Essential Medicines (NLEM) 2022

<b>Section 10</b>			
<b>Cardiovascular Medicines</b>			
<b>10.1-Medicines used in Angina</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
10.1.1	Diltiazem	P,S,T	Tablet 30 mg Tablet 60 mg Modified Release Tablet 180 mg
		S, T	Injection 5 mg/mL
10.1.2	Glyceryl trinitrate	P,S,T	Sublingual Tablet 0.5 mg
		S,T	Injection 5 mg/mL
10.1.3	Isosorbide dinitrate	P,S,T	Tablet 5 mg Tablet 10 mg
10.1.4	Metoprolol	P,S,T	Tablet 25 mg Tablet 50 mg Tablet 100 mg Modified Release Tablet 100 mg
		S,T	Injection 1 mg/mL

  
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## National List of Essential Medicines (NLEM) 2022

<b>10.2 - Antiarrhythmic medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
10.2.1	Adenosine	S,T	Injection 3 mg/mL
10.2.2	Amiodarone	S,T	Tablet 100 mg Tablet 200 mg Injection 50 mg/mL
10.2.3	Digoxin*	S,T	Tablet 0.25 mg Oral liquid 0.05 mg/mL Injection 0.25 mg/mL
10.2.4	Esmolol	S,T	Injection 10 mg/mL
10.2.5	Lignocaine**	S,T	Injection 2%
10.2.6	Verapamil	S,T	Tablet 40 mg Tablet 80 mg Injection 2.5 mg/ mL
<b>10.3 - Antihypertensive Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
10.3.1	Amlodipine	P,S,T	Tablet 2.5 mg Tablet 5 mg Tablet 10 mg
<p><i>*Digoxin formulations are also listed in Section 10.4.1 - Cardiovascular Medicines - Medicines used in Shock and Heart Failure</i></p> <p><i>**Lignocaine formulations are also listed in Section 1.2.2 - Medicines used in Anaesthesia - Local Anaesthetics</i></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
10.3.2	Enalapril	P,S,T	Tablet 2.5 mg Tablet 5 mg
10.3.3	Hydrochlorothiazide *	P,S,T	Tablet 12.5 mg Tablet 25 mg
10.3.4	Labetalol	P,S,T	Tablet 50 mg Tablet 100 mg
		P,S,T	Injection 5 mg/mL
10.3.5	Ramipril	P,S,T	Tablet 2.5 mg Tablet 5 mg
10.3.6	Sodium nitroprusside	S, T	Injection 10 mg/mL
10.3.7	Telmisartan	P,S,T	Tablet 20 mg Tablet 40 mg Tablet 80 mg

### 10.4 - Medicines used in Shock and Heart failure

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
10.4.1	Digoxin**	S,T	Tablet 0.25 mg Oral liquid 0.05 mg/mL Injection 0.25 mg/mL

\*Hydrochlorothiazide formulations are also listed in **Section 15.2 - Diuretics**

\*\*Digoxin formulations are also listed in **Section 10.2.3 - Cardiovascular Medicines - Antiarrhythmic medicines**

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
10.4.2	Dobutamine	S,T	Injection 50 mg/mL
10.4.3	Dopamine	S,T	Injection 40 mg/mL
10.4.4	Noradrenaline	S,T	Injection 2 mg/mL
10.4.5	Spirolactone*	P,S,T	Tablet 25 mg Tablet 50 mg

### 10.5- Antiplatelet and Antithrombotic Medicines

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
10.5.1	Acetylsalicylic acid**	P,S,T	Conventional/Effervescent/ Dispersible/ Enteric coated Tablets 150 mg Conventional/Effervescent/ Dispersible/ Enteric coated Tablets 325 mg Enteric coated Tablet 75 mg Enteric coated Tablet 100 mg

\*Spirolactone formulations are also listed in **Section 15.4 - Diuretics**

\*\*Acetylsalicylic acid formulations are also listed in -

**A. Section 2.1.1 - Analgesics, Antipyretics, Non-steroidal Anti-inflammatory Drugs (NSAIDs), Medicines used to treat Gout and Disease Modifying Agents used in Rheumatoid Disorders - Non-opioid Analgesics, Antipyretics and Non-steroidal Anti-inflammatory Drugs**

**B. Section 5.2.1 - Medicines used in Neurological Disorders- Antimigraine medicines**

  
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## National List of Essential Medicines (NLEM) 2022

10.5.2	Clopidogrel	P,S,T	Tablet 75 mg Tablet 150 mg
10.5.3	Dabigatran	S, T	Tablet 110 mg Tablet 150 mg
10.5.4	Enoxaparin*	S,T	Injection 40 mg/ 0.4 mL Injection 60 mg/ 0.6 mL
10.5.5	Heparin**	S,T	Injection 1000 IU/mL Injection 5000 IU/mL
10.5.6	Streptokinase	S,T	Injection 750,000 IU Injection 15,00,000 IU
10.5.7	Tenecteplase	S,T	Injection 30 mg/vial Injection 40 mg/vial

### 10.6 - Hypolipidemic Medicines

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
10.6.1	Atorvastatin	P,S,T	Tablet 10 mg Tablet 20 mg Tablet 40 mg Tablet 80 mg

*\*Enoxaparin formulations are also listed in -*  
**A. Section 8.2.1 - Medicines affecting Blood - Medicines affecting coagulation**  
**B. Section 27.2 - Medicines for COVID- 19 management**

*\*\*Heparin formulations are also listed in **Section 8.2.2 - Medicines affecting Blood - Medicines affecting coagulation***

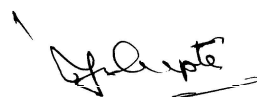
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## National List of Essential Medicines (NLEM) 2022

<b>Section 11</b>			
<b>Dermatological Medicines (Topical)</b>			
<b>11.1 - Antifungal Medicines</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
11.1.1	Clotrimazole*	P,S,T	Cream 1 % Lotion 1 %
<b>11.2 - Antibacterial Medicines</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
11.2.1	Framycetin	P,S,T	Cream 1 %
11.2.2	Fusidic acid	P,S,T	Cream 2 %
11.2.3	Silver sulphadiazine	P,S,T	Cream 1 %
<b>11.3-Anti-inflammatory and Antipruritic Medicines</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
11.3.1	Betamethasone valerate	P,S,T	Cream 0.05 % Cream 0.1 %
<p><i>*Clotrimazole formulations are also listed in -</i></p> <p><b>A. Section 6.5.2 - Anti-infective Medicines -Antifungal medicines</b></p> <p><b>B. Section 6.7.5.4 - Anti-infective Medicines – Antiviral medicines- Medicines used in the management of HIV</b></p> <p><b>C. Section 16.3 - Ear, Nose and Throat Medicines</b></p>			

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
11.3.2	Calamine	P,S,T	Lotion (As per IP)
<b>11.4 - Keratolytic agents</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
11.4.1	Benzoyl peroxide	P,S,T	Gel 2.5 % - 5 %
11.4.2	Coal tar (A) + Salicylic Acid (B)	P,S,T	Solution 1 % (A) + 3 % (B)
11.4.3	Podophyllin resin	S,T	Solution 20 %
11.4.4	Salicylic acid	P,S,T	Ointment 3-6 %
<b>11.5 - Scabicides and Pediculicides</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
11.5.1	Permethrin	P,S,T	Lotion 1 % Cream 5 %
<b>11.6 – Miscellaneous</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
11.6.1	Glycerin/glycerol (as mentioned in IP)	P,S,T	Topical

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## National List of Essential Medicines (NLEM) 2022

### Section 12 Diagnostic agents

#### 12.1 - Ophthalmic Medicines


	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
12.1.1	Fluorescein	S,T	Ophthalmic Strips
12.1.2	Proparacaine*	S,T	Eye Drops 0.5%
12.1.3	Tropicamide**	S,T	Eye drop 1 %

#### 12.2 - Radiocontrast Media

12.2.1	Barium sulphate	S,T	Oral Liquid 95% w/v
12.2.2	Gadobenate dimeglumine	T	Injection 529 mg/mL
12.2.3	Iohexol	S,T	Injection 140 to 350 mg iodine/mL
12.2.4	Meglumine diatrizoate	S,T	Injection 60 % w/v Injection 76 % w/v

\* *Proparacaine formulations are also listed in Section 21.3.1 - Ophthalmological Medicines- Local Anaesthetics*

\*\* *Tropicamide formulations are also listed in Section 21.5.4 - Ophthalmological Medicines – Mydriatics*

## National List of Essential Medicines (NLEM) 2022

<b>Section 13</b>			
<b>Dialysis components (Haemodialysis and Peritoneal Dialysis)</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
13.1	Haemodialysis fluid	S,T	As licensed
13.2	Peritoneal dialysis solution	S,T	As licensed
<b>Section 14</b>			
<b>Antiseptics and Disinfectants</b>			
<b>14.1 – Antiseptics</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
14.1.1	Chlorhexidine	P,S,T	Solution 5% (Concentrate)
14.1.2	Ethyl alcohol (Denatured)	P,S,T	Solution 70%
14.1.3	Hydrogen peroxide	P,S,T	Solution 6 %
14.1.4	Methylrosanilinium chloride (Gentian Violet)	P,S,T	Topical preparation 0.25% to 2%
14.1.5	Povidone iodine*	P,S,T	Solution 4 % to 10 %
<p><i>*Povidone Iodine formulations are also listed in Section 21.1.5 - Ophthalmological Medicines - Anti-infective medicine</i></p>			

  
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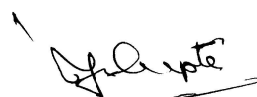
<b>14.2 – Disinfectants</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
14.2.1	Glutaraldehyde	S,T	As Licensed
14.2.2	Potassium permanganate	P,S,T	Crystals for topical solution
<b>Section 15 Diuretics</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
15.1	Furosemide	P,S,T	Tablet 40 mg Oral liquid 10 mg/mL Injection 10 mg/ mL
15.2	Hydrochlorothiazide *	P,S,T	Tablet 25 mg Tablet 50 mg
15.3	Mannitol	P,S,T	Injection 10 % Injection 20 %
15.4	Spironolactone**	P,S,T	Tablet 25 mg Tablet 50 mg
<p>* Hydrochlorothiazide formulations are also listed in <b>Section 10.3.3 - Antihypertensive Medicines</b></p> <p>**Spironolactone formulations are also listed in <b>Section 10.4.5 - Cardiovascular Medicines - Medicines used in shock and heart failure</b></p>			





## National List of Essential Medicines (NLEM) 2022

<b>Section 16</b>			
<b>Ear, Nose and Throat Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
16.1	Budesonide*	P,S,T	Nasal Spray 50 mcg/dose Nasal Spray 100 mcg/dose
16.2	Ciprofloxacin**	P,S,T	Drops 0.3 %
16.3	Clotrimazole***	P,S,T	Drops 1 %
16.4	Xylometazoline	P,S,T	Nasal drops 0.05 % Nasal drops 0.1 %
<p><i>*Budesonide formulations are also listed in <b>Section 24.1</b> - Medicines acting on the respiratory tract - Antiasthmatic Medicines</i></p> <p><i>**Ciprofloxacin formulations are also listed in</i>  <b>A. Section 6.2.2.3 - Anti-infective Medicines- Antibacterials -Other Antibacterials</b>  <b>B. Section 21.1.2 - Ophthalmological Medicines- Anti-infective Medicines</b></p> <p><i>***Clotrimazole formulations are also listed in -</i>  <b>A. Section 6.5.2 - Anti-infective Medicines -Antifungal medicines</b>  <b>B. Section 6.7.5.4 - Anti-infective Medicines – Antiviral medicines- Medicines used in the management of HIV</b>  <b>C. Section 11.1.1 - Dermatological Medicines (Topical) -Antifungal medicines</b></p>			

## National List of Essential Medicines (NLEM) 2022

<b>Section 17</b>			
<b>Gastrointestinal Medicines</b>			
<b>17.1 - Antiulcer Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
17.1.1	Omeprazole	P,S,T	Capsule 10 mg Capsule 20 mg Capsule 40 mg Powder for oral liquid 20 mg
17.1.2	Pantoprazole	S,T	Injection 40 mg
<b>17.2 – Antiemetics</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
17.2.1	Domperidone	P,S,T	Tablet 10 mg Oral Liquid 1 mg/mL
17.2.2	Metoclopramide*	P,S,T	Tablet 10 mg Injection 5 mg/mL
17.2.3	Ondansetron*	S,T	Tablet 4 mg Oral Liquid 2 mg/5 mL (p) Injection 2 mg/ mL
<p><i>*Metoclopramide formulations are also listed in <b>Section 7.4.10 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care – Medicines used in Palliative Care</b></i></p> <p><i>*Ondansetron formulations are also listed in <b>Section 7.4.14 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care – Medicines used in Palliative Care</b></i></p>			

  
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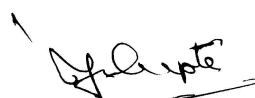
<b>17.3 – Anti-inflammatory medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
17.3.1	5-aminosalicylic acid (Mesalazine/ Mesalaine)	S, T	Tablet 400 mg Suppository 500 mg Retention Enema
<b>17.4–Antispasmodic medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
17.4.1	Dicyclomine	P,S,T	Tablet 10 mg Oral Solution 10 mg/5mL Injection 10 mg/ mL
17.4.2	Hyoscine butyl bromide	P,S,T	Tablet 100 mg Injection 20 mg/ mL
<b>17.5– Laxatives</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
17.5.1	Bisacodyl	P,S,T	Tablet 5 mg Suppository 5 mg
17.5.2	Ispaghula	P,S,T	Granules/ Husk/ Powder

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
17.5.3	Lactulose*	S,T	Oral Liquid 10 g/15 mL
<b>17.6–Medicines used in diarrhea</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
17.6.1	Oral rehydration salts**	P,S,T	As licensed
17.6.2	Zinc Sulphate	P,S,T	Dispersible Tablet 20 mg
<b>17.7– Other medicines</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
17.7.1	Somatostatin	T	Powder for Injection 3 mg
<p><i>*Lactulose formulations are also listed in <b>Section 7.4.8</b> - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care - Medicines used in Palliative Care</i></p> <p><i>**Oral rehydration salts formulations are also listed in <b>Section 25.3</b> - Solutions correcting water, electrolyte disturbances and acid-base disturbances</i></p>			







## National List of Essential Medicines (NLEM) 2022

<b>18.2.2 - Intrauterine Devices</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
18.2.2.1	Hormone releasing IUD	T	Contains 52 mg of Levonorgestrel
18.2.2.2	IUD containing Copper	P,S,T	As licensed
<b>18.2.3 - Barrier methods</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
18.2.3.1	Condom	P,S,T	As Licensed – as per the standards of Drugs Rules, 1945
<b>18.3 - Medicines used in Diabetes Mellitus</b>			
<b>18.3.1 - Insulins and other Antidiabetic agents</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
18.3.1.1	Glimepiride	P,S,T	Tablet 1 mg Tablet 2 mg
18.3.1.2	Insulin (Soluble)	P,S,T	Injection 40 IU/mL
18.3.1.3	Insulin Intermediate Acting (NPH)	P,S,T	Injection 40 IU/mL

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
18.3.1.4	Insulin Glargine	P,S,T	Injection 100 IU/mL
18.3.1.5	Insulin Premix Injection 30:70 (Regular : NPH)	P,S,T	Injection 40 IU/mL
18.3.1.6	Metformin	P,S,T	Tablet 500 mg Tablet 1000 mg Modified release Tablet 1000 mg
18.3.1.7	Teneligliptin	P,S,T	Tablet 20 mg

### 18.3.2 - Medicines used to treat Hypoglycemia

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
18.3.2.1	Glucose*	P,S,T	Injection 25 %

### 18.4-Ovulation Inducers

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
18.4.1	Clomiphene citrate	T	Tablet 50 mg Tablet 100 mg
18.4.2	Human chorionic gonadotropin	S,T	Injection 2000 IU Injection 5000 IU Injection 10000 IU


\*Glucose formulations are also listed in **Section 25.1 - Solutions correcting water, electrolyte disturbances and acid-base disturbances**

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## National List of Essential Medicines (NLEM) 2022

<b>18.5-Progestogens</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
18.5.1	Medroxyprogesterone acetate	P,S,T	Tablet 5 mg Tablet 10 mg Injection 150 mg/ mL
18.5.2	Norethisterone	P,S,T	Tablet 5 mg
<b>18.6-Thyroid and Antithyroid Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
18.6.1	Carbimazole	P,S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg
18.6.2	Levothyroxine	P,S,T	Tablet 12.5 mcg to 150 mcg* (*Several strengths are available in market such as 12.5,25,50,62.5, 75, 88,100, 112mcg. Therefore, it was considered to give a range of available strengths)
<b>Section 19</b>			
<b>Immunologicals</b>			
<p>In case of these biologicals, irrespective of variation in source, composition and strengths, all the products of the same vaccine/ sera/ immunoglobulin, as approved by licensing authority are considered as included in NLEM. However, considering the source, process, technology and other relevant aspects, different products of the same biological should be considered differently for purposes such as procurement policy, pricing etc.</p>			

  
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## National List of Essential Medicines (NLEM) 2022

<b>19.1-Diagnostic agents</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
19.1.1	Tuberculin, Purified Protein derivative	P,S,T	As Licensed
<b>19.2-Sera and Immunoglobulins (Liquid/ Lyophilized)</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
19.2.1	Anti-rabies immunoglobulin	P,S,T	As Licensed
19.2.2	Anti-tetanus immunoglobulin	P,S,T	As Licensed
19.2.3	Anti-D immunoglobulin	S,T	As Licensed
19.2.4	Diphtheria antitoxin	P,S,T	As Licensed
19.2.5	Hepatitis B immunoglobulin	S,T	As Licensed
19.2.6	Human normal immunoglobulin	T	As Licensed
19.2.7	Snake Venom Antiserum*	P,S,T	a) Soluble/ liquid polyvalent - As Licensed  b) Lyophilized polyvalent - As Licensed
*Snake Venom antiserum also listed in <b>Section 4.2.12 - Antidotes and Other Substances used in Management of Poisonings/Envenomation – Specific</b>			

  
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## National List of Essential Medicines (NLEM) 2022

<b>19.3-Vaccines</b>			
a) All the vaccines which are under Universal Immunization Program of India (UIP) will be deemed included in NLEM. Presently, the UIP has BCG, DPT, OPV, measles, Hepatitis B, Japanese encephalitis, Pentavalent Vaccines and Rota virus vaccine.			
b) The vaccines, which have been approved by National Technical Advisory Group on Immunization (NTAGI) and planned to be given under UIP, will be deemed to be included as and when listed in UIP. These vaccines are inactivated polio vaccine (IPV) and Measles Rubella (MR).			
c) In future, the vaccines which are under consideration, if and when included in UIP, will also be deemed included from the date of inclusion in UIP. These are pneumococcal and HPV vaccines.			
<b>For Universal Immunization</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
19.3.1	BCG vaccine	P,S,T	As licensed
19.3.2	DPT+ Hib+ Hep B vaccine	P,S,T	As licensed
19.3.3	DPT vaccine	P,S,T	As licensed
19.3.4	Hepatitis B vaccine	P,S,T	As licensed
19.3.5	Japanese encephalitis vaccine	P,S,T	As licensed

  
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## National List of Essential Medicines (NLEM) 2022

	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
19.3.6	Measles vaccine	P,S,T	As licensed
19.3.7	Oral poliomyelitis vaccine	P,S,T	As licensed
19.3.8	Rotavirus vaccine	P,S,T	As licensed
19.3.9	Tetanus toxoid	P,S,T	As licensed
<b>19.4 - For Specific Group of Individuals</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
19.4.1	Rabies vaccine	P,S,T	As licensed
<b>Section 20</b>			
<b>Medicines for Neonatal Care</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
20.1	Alprostadil	S,T	Injection 0.5 mg/mL
20.2	Caffeine	S,T	Oral liquid 20 mg/mL Injection 20 mg/mL
20.3	Surfactant	S,T	Suspension for intratracheal instillation (As licensed)

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## National List of Essential Medicines (NLEM) 2022

<b>Section 21</b>			
<b>Ophthalmological Medicines</b>			
<b>21.1-Anti-infective Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
21.1.1	Acyclovir*	P,S,T	Ointment 3%
21.1.2	Ciprofloxacin**	P,S,T	Drops 0.3% Ointment 0.3%
21.1.3	Natamycin	P,S,T	Drops 5 %
21.1.4	Povidone iodine***	P,S,T	Drops 5 %
<b>21.2-Anti-inflammatory Medicine</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
21.2.1	Prednisolone****	P,S,T	Drops 1 %
<p><i>*Acyclovir formulations are also listed in -</i></p> <p><b>A. Anti-infective Medicines -Antiviral medicines -Anti-herpes medicines <b>Section 6.6.1.1</b></b></p> <p><b>B. Anti-infective Medicines -Medicines used in the management of HIV -Medicines for treating Opportunistic Infections in People living with HIV <b>Section 6.7.5.1</b></b></p> <p><i>**Ciprofloxacin formulations are also listed in -</i></p> <p><b>A. <b>Section 6.2.2.3</b> - Anti-infective Medicines- Antibacterials - Other Antibacterials</b></p> <p><b>B. <b>Section 16.2</b> – Ear, Nose and Throat Medicines</b></p> <p><i>***Povidone Iodine Also listed in <b>Section 14.1.5</b> - Antiseptics and Disinfectants- Antiseptics</i></p> <p><i>****Prednisolone formulations are also listed in -</i></p> <p><b>A. <b>Section 3.7</b> - Antiallergics and Medicines used in Anaphylaxis</b></p> <p><b>B. <b>Section 7.2.4</b> - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care – Hormones and anti-hormones used in cancer therapy</b></p> <p><b>C. <b>Section 18.1.5</b> - Hormones, other Endocrine Medicines and Contraceptives- Adrenal Hormones and synthetic substitutes</b></p>			

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## National List of Essential Medicines (NLEM) 2022

<b>21.3- Local Anaesthetic</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
21.3.1	Proparacaine*	P,S,T	Drops 0.5 %
<b>21.4-Miotics and Antiglaucoma Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
21.4.1	Acetazolamide	P,S,T	Tablet 250 mg
21.4.2	Latanoprost	P,S,T	Drops 0.005 %
21.4.3	Pilocarpine	P,S,T	Drops 2 % Drops 4 %
21.4.4	Timolol	P,S,T	Drops 0.25 % Drops 0.5 %
<b>21.5-Mydriatics</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
21.5.1	Atropine**	P,S,T	Drops 1% Ointment 1%
<p><i>*Proparacaine formulations are also listed in listed in Section 12.1.2 - Diagnostic agents- Ophthalmic Medicines</i></p> <p><i>**Atropine formulations are also listed in -</i></p> <p><i>A. Section 1.3.1 - Medicines used in Anaesthesia -Preoperative medication and sedation for short term procedures</i></p> <p><i>B. Section 4.2.1 - Antidotes and Other substances used in Management of poisoning/Envenomation - specific</i></p>			

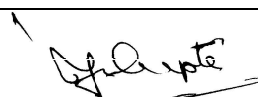
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
21.5.2	Homatropine	P,S,T	Drops 2%
21.5.3	Phenylephrine	P,S,T	Drops 5 % Drops 10 %
21.5.4	Tropicamide*	P,S,T	Drops 1 %
<b>21.6-Miscellaneous</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
21.6.1	Carboxymethyl cellulose	P,S,T	Drops 0.5% Drops 1%
21.6.2	Hydroxypropyl methylcellulose	T	Injection 2%
<b>Section 22</b>			
<b>Oxytocics and Antioxytocics</b>			
<b>22.1 - Oxytocics and Abortifacient</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
22.1.1	Dinoprostone	S,T	Tablet 0.5 mg Gel 0.5 mg
22.1.2	Methylergometrine	P,S,T	Tablet 0.125 mg Injection 0.2 mg/mL
*Tropicamide formulations are also listed in <b>Section 12.1.3 - Diagnostic agents - Ophthalmic Medicines</b>			

  
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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
22.1.3	Mifepristone	P,S,T	Tablet 200 mg
22.1.4	Misoprostol	P,S,T	Tablet 100 mcg Tablet 200 mcg
22.1.5	Oxytocin	P,S,T	Injection 5 IU/mL Injection 10 IU/mL
<b>22.2 - Medicines used in Preterm Labour</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
22.2.1	Betamethasone	P,S,T	Injection 4 mg/mL
22.2.2	Nifedipine	S,T	Tablet 10 mg
<b>Section 23</b>			
<b>Medicines used in treatment of Psychiatric Disorders</b>			
<b>23.1 - Medicines used in Psychotic Disorders</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
23.1.1	Clozapine	T	Tablet 25 mg Tablet 50 mg Tablet 100 mg
23.1.2	Fluphenazine	P,S,T	Injection 25 mg/mL

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
23.1.3	Haloperidol*	S,T	Tablet 2 mg Tablet 5 mg Tablet 10 mg Tablet 20 mg Oral liquid 2 mg/5 mL Injection 5 mg/mL
23.1.4	Risperidone	P,S,T	Tablet 1 mg Tablet 2 mg Tablet 4 mg Oral liquid 1 mg/mL Injection (Long acting) 25 mg Injection (Long acting) 37.5 mg

### 23.2 - Medicines used in Mood Disorders

#### 23.2.1 - Medicines used in Depressive Disorders

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
23.2.1.1	Amitriptyline**	P,S,T	Tablet 10 mg Tablet 25 mg Tablet 50 mg Tablet 75 mg

*\*Haloperidol formulations are also listed in **Section 7.4.7 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative care- Medicines used in Palliative Care***

*\*\*Amitriptyline formulations are also listed in -*

***A. Section 5.2.5 - Medicines used in Neurological Disorders - Anti-migraine medicines- For prophylaxis***

***B. Section 7.4.2 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative care- Medicines used in Palliative Care***

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
23.2.1.2	Escitalopram	P,S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg
23.2.1.3	Fluoxetine*	P,S,T	Capsule 10 mg Capsule 20 mg Capsule 40 mg Capsule 60 mg
<b>23.2.2 - Medicines used in Bipolar Disorders</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
23.2.2.1	Lithium	S,T	Tablet 300 mg
23.2.2.2	Sodium valproate**	P,S,T	Tablet 200 mg Tablet 300 mg Tablet 500 mg Modified Release - Tablet 300 mg Tablet 500 mg
23.2.2.3	Carbamazepine***	P,S,T	Tablet 100 mg Tablet 200 mg Tablet 400 mg Modified Release - Tablet 200 mg Tablet 400 mg Oral liquid 100 mg/5 mL (p)
<p><i>*Fluoxetine formulations are also listed in -</i></p> <p><b>A. Section 7.4.6 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative care- Medicines used in Palliative Care</b></p> <p><b>B. Section 7.4.6 - Medicines used in treatment of psychiatric Disorders - Medicines used in obsessive compulsive disorders and panic attacks</b></p> <p><b>** Sodium Valproate formulations are also listed in Section 5.1.10 - Medicines used in Neurological Disorders -Anticonvulsants /antiepileptics</b></p> <p><b>***Carbamazepine formulations are also listed in Section 5.1.1 - Medicines used in Neurological Disorders- Anticonvulsants/antiepileptics</b></p>			

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## National List of Essential Medicines (NLEM) 2022

<b>23.3 - Medicines used in Generalized Anxiety and Sleep Disorders</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
23.3.1	Clonazepam	P,S,T	Tablet 0.25 mg Tablet 0.5 mg Tablet 1 mg
23.3.2	Zolpidem	P,S,T	Tablet 5 mg Tablet 10 mg
<b>23.4 - Medicines used in Obsessive Compulsive Disorders and Panic attacks</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
23.4.1	Clomipramine	P,S,T	Capsule 10 mg Capsule 25 mg Capsule 75 mg
23.4.2	Fluoxetine*	S,T	Capsule 10 mg Capsule 20 mg Capsule 40 mg Capsule 60 mg
<p><i>*Fluoxetine formulations are also listed in -</i></p> <p><b>A. Section 7.4.6 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative are- Medicines used in Palliative Care</b></p> <p><b>B. Section 23.2.1.3 – Medicines used in treatment of Psychiatric Disorders - Medicines used in mood disorders - Medicines used in depressive disorders</b></p>			

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## National List of Essential Medicines (NLEM) 2022

<b>23.5 – Medicines used in Disorders due to Psychoactive substance abuse</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
23.5.1	Buprenorphine	P,S,T	Tablet (Sub-lingual) 0.4 mg
23.5.2	Buprenorphine (A) + Naloxone (B)	P,S,T	Tablet (Sub-lingual) 0.4 mg (A) + 0.1 mg (B) Tablet (Sub-lingual) 2 mg (A) + 0.5 mg (B)
23.5.3	Nicotine (for nicotine replacement therapy)	P,S,T	Oral Dosage forms 2 mg Oral Dosage forms 4 mg
<b>Section 24</b>			
<b>Medicines acting on the Respiratory tract</b>			
<b>24.1 - Antiasthmatic Medicines</b>			
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
24.1.1	Budesonide*	P,S,T	Inhalation (MDI/DPI) 100 mcg/dose Inhalation (MDI/DPI) 200 mcg/dose Respirator solution for use in nebulizer 0.5 mg/mL Respirator solution for use in nebulizer 1 mg/mL
<i>*Budesonide formulations are also listed in Section 16.1 - Ear, Nose and Throat Medicines</i>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
24.1.7	Tiotropium	P,S,T	Inhalation (MDI) 9 mcg/dose Inhalation (DPI) 18 mcg/dose
MDI- Metered Dose Inhaler DPI- Dry Powder Inhaler			
<b>Section 25</b> <b>Solutions correcting Water, Electrolyte disturbances</b> <b>and Acid-base disturbances</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
25.1.1	Glucose*	P,S,T	Injection 5 % Injection 10 % Injection 25 % Injection 50 %
25.1.2	Glucose(A) + Sodium chloride (B)	P,S,T	Injection 5% (A) + 0.9 % (B)
25.1.3	Oral rehydration salts**	P,S,T	As licensed
25.1.4	Potassium chloride	P,S,T	Oral liquid 500 mg/5 mL
		S,T	Injection 150 mg/mL
<p><i>*Glucose formulations are also listed in <b>Section 18.4.2.1 - Hormones, other Endocrine Medicines and Contraceptives - Medicines used in diabetes mellitus - Medicines used to treat hypoglycemia</b></i></p> <p><i>**Oral rehydration salts are also listed in <b>Section 17.6.1 - Gastrointestinal Medicines - Medicines used in diarrhea</b></i></p>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
25.1.5	Ringer lactate	P,S,T	Injection (as per IP)
25.1.6	Sodium bicarbonate	P,S,T	Injection (as per IP)
25.1.7	Sodium chloride	P,S,T	Injection 0.9%
		S,T	Injection 3%
<b>25.2-Miscellaneous</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
25.2.1	Water for Injection	P,S,T	Injection
<b>Section 26 Vitamins and Minerals</b>			
	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
26.1	Ascorbic acid (Vitamin C)	P,S,T	Tablet 100 mg Tablet 500 mg
26.2	Calcium carbonate	P,S,T	Tablet 625 mg (equivalent to elemental calcium 250 mg) Tablet 1250 mg (equivalent to elemental calcium 500 mg)
26.3	Calcium gluconate*	P,S,T	Injection 100 mg/mL
26.4	Cholecalciferol	P,S,T	Solid oral dosage form 1000 IU Solid oral dosage form 60000 IU Oral liquid 400 IU/mL
*Calcium Gluconate formulations are also listed in <b>Section 4.2.2 - Antidotes and Other substances used in poisoning/Envenomation – Specific</b>			

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## National List of Essential Medicines (NLEM) 2022

	Medicine	Level of Healthcare	Dosage form(s) and strength(s)
26.5	Pyridoxine	P,S,T	Tablet 10 mg Tablet 50 mg Tablet 100 mg
26.6	Riboflavin	P,S,T	Tablet 10 mg
26.7	Thiamine	P,S,T	Tablet 100 mg Injection 100 mg/mL
26.8	Vitamin A	P,S,T	Capsule/Tablet 50000 IU (including Chewable Tablet) Oral liquid 100000 IU/mL Injection 50000 IU/mL
<b>Section 27</b>			
<b>Medicines for COVID– 19 management</b>			
27.1	Dexamethasone*	P,S,T	Tablet 0.5 mg Tablet 2 mg Tablet 4 mg Oral liquid 0.5 mg/5 mL (p) Injection 4 mg/mL
27.2	Enoxaparin**	S,T	Injection 40 mg/ 0.4 mL Injection 60 mg/ 0.6 mL
<p><i>*Dexamethasone is also listed in -</i></p> <p><b>A. Section 3.4 - Antiallergics and Medicines used in Anaphylaxis</b></p> <p><b>B. Section 7.4.3 - Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative are- Medicines used in Palliative Care</b></p> <p><b>C. Section 18.1.1 - Hormones, other Endocrine Medicines and Contraceptives - Adrenal hormones and synthetic substitutes</b></p> <p><i>**Enoxaparin is also listed in -</i></p> <p><b>A. Section 8.2.1 - Medicines affecting Blood - Medicines affecting coagulation</b></p> <p><b>B. Section 10.5.4 - Cardiovascular medicines - Antiplatelet and Antithrombotic Medicines</b></p>			

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**Alphabetical List  
of Medicines in  
NLEM 2022**

# National List of Essential Medicines (NLEM) 2022

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## Alphabetical List of Medicines in NLEM 2022

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1. 5-aminosalicylic acid (Mesalazine/Mesalaine)
2. 5-Fluorouracil
3. 6-Mercaptopurine
4. Abacavir
5. Abacavir (A) + Lamivudine (B)
6. Acetazolamide
7. Acetylsalicylic acid
8. Actinomycin D
9. Activated Charcoal
10. Acyclovir
11. Adenosine
12. Adrenaline
13. Albendazole
14. Allopurinol
15. All-trans retinoic acid
16. Alprostadil
17. Amikacin
18. Amiodarone
19. Amitriptyline
20. Amlodipine
21. Amoxicillin
22. Amoxicillin (A) + Clavulanic acid (B)
23. Amphotericin B
  - a) Amphotericin B (conventional)
  - b) Lipid Amphotericin B
  - c) Liposomal Amphotericin B



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## National List of Essential Medicines (NLEM) 2022

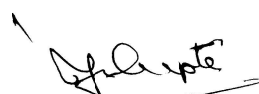
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### Alphabetical List of Medicines in NLEM 2022

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24. Ampicillin
25. Anti-D immunoglobulin
26. Anti-rabies immunoglobulin
27. Anti-tetanus immunoglobulin
28. Arsenic trioxide
29. Artemether (A) + Lumefantrine (B)
30. Artesunate
31. Artesunate (A) + Sulphadoxine – Pyrimethamine (B)
32. Ascorbic acid (Vitamin C)
33. Atazanavir (A) + Ritonavir (B)
34. Atorvastatin
35. Atracurium
36. Atropine
37. Azathioprine
38. Azithromycin
39. Baclofen
40. Barium sulphate
41. BCG vaccine
42. Bedaquiline
43. Bendamustine Hydrochloride
44. Benzathine benzylpenicillin
45. Benzoyl peroxide
46. Benzylpenicillin
47. Betamethasone
48. Betamethasone (valerate)
49. Bicalutamide

  
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## National List of Essential Medicines (NLEM) 2022

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### Alphabetical List of Medicines in NLEM 2022

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50. Bisacodyl
51. Bleomycin
52. Bortezomib
53. Budesonide
54. Budesonide (A) +Formoterol (B)
55. Bupivacaine
56. Buprenorphine
57. Buprenorphine (A) + Naloxone (B)
58. Caffeine
59. Calamine
60. Calcium carbonate
61. Calcium folinate
62. Calcium gluconate
63. Capecitabine
64. Carbamazepine
65. Carbimazole
66. Carboplatin
67. Carboxymethyl cellulose
68. Cefadroxil
69. Cefazolin
70. Cefixime
71. Cefotaxime
72. Ceftazidime
73. Ceftriaxone
74. Cefuroxime
75. Cetirizine



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# National List of Essential Medicines (NLEM) 2022

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## Alphabetical List of Medicines in NLEM 2022

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101. Cycloserine
102. Cyclosporine
103. Cytosine arabinoside
104. D- Penicillamine
105. Dabigatran
106. Dacarbazine
107. Daclatasvir
108. Dapsone
109. Darunavir
110. Darunavir (A) + Ritonavir (B)
111. Daunorubicin
112. Delamanid
113. Desferrioxamine
114. Dexamethasone
115. Dextran-40
116. Diazepam
117. Diclofenac
118. Dicyclomine
119. Diethylcarbamazine
120. Digoxin
121. Diltiazem
122. Dinoprostone
123. Diphtheria antitoxin
124. Dobutamine
125. Docetaxel



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# National List of Essential Medicines (NLEM) 2022

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## Alphabetical List of Medicines in NLEM 2022

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126. Dolutegravir
127. Domperidone
128. Donepezil
129. Dopamine
130. Doxorubicin
131. Doxycycline
132. DPT vaccine
133. DPT+ Hib+ Hep B vaccine
134. Efavirenz
135. Enalapril
136. Enoxaparin
137. Entecavir
138. Erythropoietin
139. Escitalopram
140. Esmolol
141. Ethambutol
142. Ethinylestradiol (A) + Levonorgestrel (B)
143. Ethionamide
144. Ethyl alcohol (Denatured)
145. Etoposide
146. Fentanyl
147. Ferrous Salts (A) + Folic Acid (B)
148. Ferrous salts
149. Filgrastim
150. Fluconazole

  
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## National List of Essential Medicines (NLEM) 2022

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### Alphabetical List of Medicines in NLEM 2022

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176. Heparin
177. Hepatitis B immunoglobulin
178. Hepatitis B vaccine
179. Homatropine
180. Hormone releasing IUD
181. Human chorionic gonadotropin
182. Human normal immunoglobulin
183. Hydrochlorothiazide
184. Hydrocortisone
185. Hydrogen Peroxide
186. Hydroxocobalamine
187. Hydroxychloroquine
188. Hydroxypropyl methylcellulose
189. Hydroxyurea
190. Hyoscine butylbromide
191. Ibuprofen
192. Ifosfamide
193. Imatinib
194. Insulin (Soluble)
195. Insulin Glargine
196. Insulin Intermediate Acting (NPH)
197. Insulin Premix Injection 30:70 (Regular : NPH)
198. Iohexol
199. Ipratropium
200. Irinotecan HCl Trihydrate
201. Iron sucrose










## National List of Essential Medicines (NLEM) 2022

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### Alphabetical List of Medicines in NLEM 2022

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- 254. Misoprostol
- 255. Montelukast
- 256. Morphine
- 257. Moxifloxacin
- 258. Mupirocin
- 259. Mycophenolate mofetil
- 260. N-acetylcysteine
- 261. Naloxone
- 262. Natamycin
- 263. Neostigmine
- 264. Nevirapine
- 265. Nicotine replacement therapy (NRT)
- 266. Nifedipine
- 267. Nitrofurantoin
- 268. Nitrous oxide
- 269. Noradrenaline
- 270. Norethisterone
- 271. Nystatin
- 272. Omeprazole
- 273. Ondansetron
- 274. Oral poliomyelitis vaccine
- 275. Oral rehydration salts
- 276. Ormeloxifene (Centchroman)
- 277. Oxaliplatin
- 278. Oxygen





# National List of Essential Medicines (NLEM) 2022

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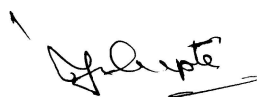
## Alphabetical List of Medicines in NLEM 2022

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- 305. Proparacaine
- 306. Propofol
- 307. Propranolol
- 308. Protamine Sulphate
- 309. Pyrazinamide
- 310. Pyridoxine
- 311. Quinine
- 312. Rabies vaccine
- 313. Raltegravir
- 314. Ramipril
- 315. Red blood cells/ Packed RBCs
- 316. Ribavirin
- 317. Riboflavin
- 318. Rifampicin
- 319. Ringer lactate
- 320. Risperidone
- 321. Ritonavir
- 322. Rituximab
- 323. Rotavirus vaccine
- 324. Salbutamol
- 325. Salicylic acid
- 326. Sevoflurane
- 327. Silver sulphadiazine



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## National List of Essential Medicines (NLEM) 2022

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### Alphabetical List of Medicines in NLEM 2022

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351. Tenofovir (A) + Lamivudine (B) + Dolutegravir (C)
352. Tenofovir (A) + Lamivudine (B) + Efavirenz (C)
353. Tenofovir Alafenamide Fumarate (TAF)
354. Tenofovir Disproxil Fumarate (TDF)
355. Terbinafine
356. Tetanus toxoid
357. Thalidomide
358. Thiamine
359. Thiopentone
360. Timolol
361. Tiotropium
362. Tramadol
363. Tranexamic acid
364. Trastuzumab
365. Trihexyphenidyl
366. Tropicamide
367. Tuberculin, Purified Protein derivative
368. Valganciclovir
369. Vancomycin
370. Vecuronium
371. Verapamil
372. Vinblastine
373. Vincristine
374. Vitamin A



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# National List of Essential Medicines (NLEM) 2022

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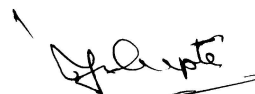
## Alphabetical List of Medicines in NLEM 2022

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- 375. Warfarin
- 376. Water for Injection
- 377. Whole blood
- 378. Xylometazoline
- 379. Zidovudine
- 380. Zidovudine (A) + Lamivudine (B)
- 381. Zidovudine (A) + Lamivudine (B) + Nevirapine (C)
- 382. Zinc Sulphate
- 383. Zoledronic acid
- 384. Zolpidem



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**Medicines Added  
Therapeutic category  
wise in  
NLEM 2022**





## National List of Essential Medicines (NLEM) 2022

<b>Section 6</b>				
<b>Anti-infective medicines</b>				
<b>6.1.2 -Antifilarial</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
1	6.1.5	Ivermectin	P,S,T	Tablet 6 mg Tablet 12 mg
<b>6.2-Antibacterials</b>				
<b>6.2.1 – Beta-lactam Medicines</b>				
2	6.2.1.14	Meropenem	T	Powder for Injection 500 mg (as trihydrate) Powder for Injection 1000 mg (as trihydrate)
<b>6.2.2 - Other antibacterials</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
3	6.2.2.2	Cefuroxime	P,S,T	Tablet 500 mg Syrup 125 mg/ 5 mL (p) Injection 1500 mg
4	6.2.2.11	Phenoxymethyl penicillin	P,S,T	Tablet 250 mg
5	6.2.2.12	Procaine Benzylpenicillin	P,S,T	Powder for injection 1000 mg (=1 million IU)
<b>6.4-Antituberculosis medicines</b>				

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## National List of Essential Medicines (NLEM) 2022

	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
6	6.4.1	Amikacin	S,T	Injection 100 mg/mL Injection 250 mg/mL Injection 500 mg/mL
7	6.4.2	Bedaquiline	T	Tablet 100 mg
8	6.4.7	Delamanid	T	Tablet 50 mg
<b>6.5-Antifungal medicines</b>				
	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
9	6.5.5	Itraconazole	S,T	Capsule 100 mg Capsule 200 mg Oral liquid 10 mg/mL
10	6.5.6	Mupirocin	P,S,T	Ointment 2%
11	6.5.8	Terbinafine	P,S,T	Cream 1%
<b>6.6.2 - Anti-Cytomegalovirus (CMV) medicines</b>				
	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
12	6.6.2.1	Valganciclovir	S, T	Tablet 450 mg Powder for oral solution 50 mg/mL

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## National List of Essential Medicines (NLEM) 2022

18	6.8.5	Tenofovir Alafenamide Fumarate (TAF)	S,T	Tablet 25 mg
<b>Section 7</b> <b>Antimigraine medicines</b> <b>(Now in Section 5 Medicines used in Neurological Disorders)</b>				
NIL				
<b>Section 8</b> <b>Anti-cancer agents including Immunosuppressives and Medicines used in Palliative Care</b> <b>(Now in Section 7)</b>				
<b>7.1- Antineoplastic Medicines</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
19	7.1.6	Bendamustine Hydrochloride	T	Injection 25 mg Injection 100 mg/vial
20	7.1.26	Irinotecan HCl Trihydrate	T	Solution for injection 20 mg/ mL
21	7.1.28	Lenalidomide	T	Capsule 5 mg Capsule 25 mg
<b>7.2-Hormones and anti-hormones used in cancer therapy</b>				

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## National List of Essential Medicines (NLEM) 2022

	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
22	7.2.3	Leuprolide acetate	T	Powder for injection 3.75 mg Powder for injection 11.25 mg Powder for injection 22.5 mg
<b>Section 8</b> <b>Medicines affecting Blood</b>				
NIL				
<b>Section 9</b> <b>Antiparkinsonism medicines</b> <b>(Now in Section 5.3– Medicines used in Neurological Disorders)</b>				
NIL				
<b>Section 10</b> <b>Medicines affecting Blood</b>				
NIL				
<b>Section 11</b> <b>Blood products and Plasma substitutes</b>				
NIL				
<b>Section 12</b> <b>Cardiovascular Medicines</b> <b>(Now in Section 10)</b>				

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## National List of Essential Medicines (NLEM) 2022

<b>10.5- Antiplatelet and Antithrombotic Medicines</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
23	10.5.3	Dabigatran	S, T	Tablet 110 mg Tablet 150 mg
24	10.5.7	Tenecteplase	S,T	Injection 30 mg/vial Injection 40 mg/vial
<b>Section 13 Dermatological medicines (Topical)</b>				
NIL				
<b>Section 14 Dermatological medicines (Topical)</b>				
NIL				
<b>Section 15 Diagnostic Agents</b>				
NIL				
<b>Section 16 Dialysis solutions</b>				
NIL				

  
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## National List of Essential Medicines (NLEM) 2022

<b>Section 17</b>				
<b>Disinfectants and Antiseptics and</b>				
NIL				
<b>Section 18</b>				
<b>Diuretics</b>				
NIL				
<b>Section 19</b>				
<b>Ear, Nose and Throat medicines</b>				
NIL				
<b>Section 20</b>				
<b>Gastrointestinal medicines</b>				
NIL				
<b>Section 21</b>				
<b>Hormones, other Endocrine Medicines and Contraceptives</b>				
<b>(Now in Section 18)</b>				
<b>18.1-Adrenal Hormones and Synthetic substitutes</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
25	18.1.2	Fludrocortisone	S,T	Tablet 100 mcg
<b>18.2 - Contraceptives</b>				
<b>18.2.1 - Hormonal Contraceptives</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
26	18.2.3	Ormeloxifene	P,S,T	Tablet 30 mg

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## National List of Essential Medicines (NLEM) 2022

		(Centchroman)		
<b>18.3–Medicines used in diabetes mellitus</b>				
<b>18.3.1–Insulins and other antidiabetic agents</b>				
27	18.3.1.4	Insulin Glargine	P,S,T	Injection 100 IU/mL
28	18.3.1.7	Teneligliptin	P,S,T	Tablet 20 mg
<b>Section 22 Immunologicals (Now in Section 19)</b>				
<b>For universal immunization</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
29	19.4.8	Rotavirus vaccine	P, S, T	As licensed
<b>Section 23 Muscle relaxants and cholinesterase inhibitors  (Now in Section 1- Medicines used in Anaesthesia) (sub-section 1.4 - Muscle relaxants and cholinesterase inhibitors)</b>				
NIL				

  
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## National List of Essential Medicines (NLEM) 2022

31	23.5.1	Buprenorphine	P,S,T	Tablet (Sub-lingual) 0.4 mg
32	23.5.2	Buprenorphine (A) + Naloxone (B)	P,S,T	Tablet (Sub-lingual) 0.4 mg (A) + 0.1 mg (B) Tablet (Sub-lingual) 2 mg (A) + 0.5 mg (B)
33	23.5.3	Nicotine (for nicotine replacement therapy)	P,S,T	Oral Dosage forms 2 mg Oral Dosage forms 4 mg
<b>Section 28</b> <b>Medicines acting on the respiratory tract</b> <b>(Now in Section 24)</b>				
<b>24.1-Antiasthmatic Medicines</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
34	24.1.8	Montelukast	S,T	Tablet 4 mg Tablet 5 mg (including chewable tablets) Tablet 10 mg
<b>Section 29</b> <b>Solutions correcting Water, Electrolyte disturbances</b> <b>and Acid-base disturbances</b> <b>(Now in Section 25)</b>				
NIL				
<b>Section 30</b> <b>Vitamins and minerals</b> <b>(Now in Section 26)</b>				
NIL				

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**Alphabetical List of  
Medicines Added to  
NLEM 2022**

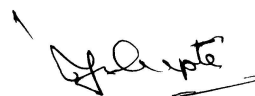
# National List of Essential Medicines (NLEM) 2022

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## Alphabetical List of Medicines Added to NLEM 2022

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1. Amikacin
2. Bedaquiline
3. Bendamustine Hydrochloride
4. Buprenorphine
5. Buprenorphine (A) + Naloxone (B)
6. Cefuroxime
7. Dabigatran
8. Daclatasvir
9. Darunavir (A) + Ritonavir (B)
10. Delamanid
11. Dolutegravir
12. Fludrocortisone
13. Insulin Glargine
14. Irinotecan HCl Trihydrate
15. Itraconazole
16. Ivermectin
17. Lamivudine
18. Latanoprost



# National List of Essential Medicines (NLEM) 2022

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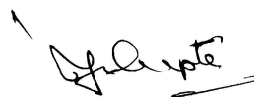
## Alphabetical List of Medicines Added to NLEM 2022

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19. Lenalidomide
20. Leuprolide acetate
21. Meropenem
22. Montelukast
23. Mupirocin
24. Nicotine replacement therapy (NRT)
25. Ormeloxifene (Centchroman)
26. Phenoxymethyl penicillin
27. Procaine Benzyl penicillin
28. Rotavirus vaccine
29. Tenecteplase
30. Teneligliptin
31. Tenofovir (A) + Lamivudine (B) + Dolutegravir (C)
32. Tenofovir Alafenamide Fumarate (TAF)
33. Terbinafine
34. Valganciclovir



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**Medicines Deleted from  
Therapeutic category  
wise  
NLEM 2015**

## National List of Essential Medicines (NLEM) 2022

<b>Medicines Deleted from Therapeutic category wise NLEM 2015</b>				
<b>Section 1– Anaesthetic Agents</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
1	1.2.4	Prilocaine (A) + Lignocaine (B)	T	Cream 2.5% (A) + 2.5% (B)
<b>Section 2-Analgesics, antipyretics, non-steroidal anti-inflammatory medicines, medicines used to treat Gout and disease Modifying agents used in Rheumatoid Disorders</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
2	2.4.3	Leflunomide	S,T	Tablet 10 mg Tablet 20 mg
<b>Section 3-Antiallergics and medicines used in anaphylaxis</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
3	3.3	Chlorpheniramine	P,S,T	Tablet 4 mg Oral liquid 2 mg/5 ml
<b>Section 4-Antidotes and Other substances used in poisoning treatment</b>				
<b>4.2–Specific</b>				
		<b>Medicine</b>	<b>Level of</b>	<b>Dosage form(s) and strength(s)</b>

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## National List of Essential Medicines (NLEM) 2022

			<b>Healthcare</b>	
4	4.2.4	Dimercaprol	S,T	Injection 50 mg/ml
<b>Section 5 – Medicines used in Neurological Disorders</b>				
NIL				
<b>Section 6-Anti-infective medicines</b>				
<b>6.2.4-Antituberculosis medicines</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
5	6.2.4.1	Capreomycin	P,S,T	Powder for Injection 1 g
6	6.2.4.6	Kanamycin	P,S,T	Powder for Injection 500 mg Powder for Injection 750 mg Powder for Injection 1 g
7	6.2.4.12	Rifabutin	S,T	Capsule 150 mg
<b>6.4.2-Anti Cytomegalovirus (CMV) medicines</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
8	6.4.2.1	Ganciclovir	S,T	Capsule 250 mg Powder for Injection 500 mg

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## National List of Essential Medicines (NLEM) 2022

### 6.4.3-Medicines used in the management of HIV

#### 6.4.3.1 -Nucleoside reverse transcriptase inhibitors

	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
9	6.4.3.1.3	Lamivudine (A) + Nevirapine (B) + Stavudine (B)	S,T	Dispersible Tablet 30mg (A) + 50mg (B) + 6mg (C) Tablet 150mg (A) + 200mg (B) + 30mg (C)
10	6.4.3.1.5	Stavudine (A) + Lamivudine (B)	S,T	Dispersible Tablet 6 mg (A) + 30 mg (B) (p) Tablet 30 mg (A) + 150 mg (B)

### 6.4.4-Medicines for hepatitis B and hepatitis C

	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
11	6.4.4.2	Pegylated interferon alfa 2a	S,T	Injection 180 mcg
		Pegylated interferon alfa 2b	S,T	Injection 80 mcg Injection 100 mcg Injection 120 mcg

### 6.5.1–Antiamoebic and anti giardiasis medicines




## National List of Essential Medicines (NLEM) 2022

	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
12	6.5.1.1	Diloxanide furoate	P,S,T	Tablet 500 mg
<b>6.5.4-Antipneumocystosis and antitoxoplasmosis medicines</b>				
13	6.5.4.2	Pentamidine	S,T	Powder for Injection 200 mg
<b>Section 7–Antimigraine medicines</b>				
NIL				
<b>Section 8 –Anti-cancer agents including Immunosuppressives, and Medicines used in Palliative Care</b>				
NIL				
	Medicine		Level of Healthcare	Dosage form(s) and strength(s)
14	8.1.30	Procarbazine	T	Capsule 50 mg
<b>Section 9–Antiparkinsonism medicines</b>				
NIL				
<b>Section 10–Medicines affecting blood</b>				

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## National List of Essential Medicines (NLEM) 2022

NIL				
<b>10.3-Antihypertensive Medicines</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
15	12.3.6	Methyldopa	P,S,T	Tablet 250 mg Tablet 500 mg
<b>Section 11–Blood products and Plasma substitutes</b>				
NIL				
<b>Section 12- Cardiovascular Medicines</b>				
<b>12.3-Antihypertensive medicines</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
16	12.3.2	Atenolol	P,S,T	Tablet 50 mg Tablet 100 mg
<b>12.5-Antithrombotic medicine (Cardiovascular/ Cerebrovascular)</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
17	12.5.2	Alteplase	T	Powder for Injection 20 mg Powder for Injection 50 mg

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## National List of Essential Medicines (NLEM) 2022

<b>Section 13–Dermatological medicines (Topical)</b>				
NIL				
<b>Section 14–Dermatological medicines (Topical)</b>				
<b>14.6–Miscellaneous</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
18	14.6.2	White Petrolatum	P,S,T	Jelly 100%
<b>Section 15 –Diagnostic agents</b>				
NIL				
<b>Section 16–Dialysis solutions</b>				
NIL				
<b>Section 17– Antiseptics and Disinfectants</b>				
<b>17.1- Antiseptics</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>

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## National List of Essential Medicines (NLEM) 2022

19	17.1.1	Cetrimide	P,S,T	Solution 20 % (Concentrate for dilution)
<b>17.2–Disinfectants</b>				
20	17.2.1	Bleaching powder	P,S,T	Containing not less than 30%w/w of available chlorine (as per I.P)
<b>Section 18–Diuretics</b>				
NIL				
<b>Section 19–Ear, Nose and Throatmedicines</b>				
NIL				
<b>Section 20–Gastrointestinal medicines</b>				
<b>20.1–Antiulcer medicines</b>				
	<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>	

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## National List of Essential Medicines (NLEM) 2022

21	20.1.4	Sucralfate	S,T	Oral liquid 1g
22	20.1.3	Ranitidine	P,S,T	Tablet 150 mg Oral liquid 75 mg/5 mL Injection 25 mg/mL
<b>Section 21–Hormones, other Endocrine Medicines and Contraceptives</b>				
<b>21.2.1–Hormonal contraceptives</b>				
		<b>Medicine</b>	<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
23	21.2.1.2	Ethinylestradiol (A) + Norethisterone (B)	P,S,T	Tablet 0.035 mg (A) +1 mg (B)
<b>21.3–Estrogens</b>				
24	21.3.1	Ethinylestradiol	P,S,T	Tablet 0.01 mg Tablet 0.05 mg
<b>Section 22–Immunologicals</b>				
NIL				

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## National List of Essential Medicines (NLEM) 2022

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NIL				
<b>Section 28–Medicines acting on the respiratory tract</b>				
NIL				
<b>Section 29–Solutions correcting water, electrolyte disturbances and acid-base disturbances</b>				
NIL				
<b>Section 30–Vitamins and minerals</b>				
	<b>Medicine</b>		<b>Level of Healthcare</b>	<b>Dosage form(s) and strength(s)</b>
26	30.5	Nicotinamide	P,S,T	Tablet 50 mg

  
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**Alphabetical List of  
Medicines Deleted from  
NLEM 2015**



## National List of Essential Medicines (NLEM) 2022

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- 22. Ranitidine
- 23. Rifabutin
- 24. Stavudine (A) + Lamivudine (B)
- 25. Sucralfate
- 26. White Petrolatum

  
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Fulgencio

# National List of Essential Medicines (NLEM) 2022

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